

Number Revision

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(a)	(b)	(c)	(d)
Write the ratio 5 : 4 as a ratio in the form 1 : n	Show that $\frac{11}{12} - \frac{2}{3} = \frac{1}{4}$	Increase \$265 by 27%	Mario, Luigi and Bowser share £1200 in the ratio 2 : 5 : 1. Find the difference between the amount Luigi receives and the amount Mario receives.
(e)	(f)	(g)	
Write 600 as a product of powers of its prime factors.	Convert 0.00463 to standard form	A TV is in a 15% off sale. If the normal price of the TV is £285, what is its sale price?	
(h)	(i)	(j)	(k)
The temperature in Oslo is -14°C . It increases by 9°C . What is the new temperature?	Write 3.48×10^7 as an ordinary number.	Roy invests \$5000 at a compound interest rate of 3.5% per annum. How much will the investment be worth after 4 years?	Show that $2\frac{7}{12} + 1\frac{5}{8} = 4\frac{5}{24}$
(l)	(m)		
Write $5^6 \times 5^8$ as a single power of 5	$\text{£}1 = 1.25 \text{ euros}$ Convert 400 euros into pounds.		